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The University of Dayton

News Release

UD AND THE DAYTON AREA CELEBRATE NATIONAL ENGINEERS WEEK

DAYTON, Ohio, February 11, 1988--The University of Dayton will celebrate National Engineers Week February 21-27 with the news that nearly half of this year's outstanding engineers and scientists in the Miami Valley are affiliated with UD.

Besides the annual awards ceremony honoring the top professionals, the week will include an open house at the School of Engineering and several lighthearted engineering feats--including a paper airplane contest, an egg drop and this year's newest contest, a calculator toss.

The highlight of the week, however, will be the yearly awards banquet on Thursday, Feb. 25 at 6 p.m. at Wright-Patterson Air Force Base. It is sponsored by the Affiliate Societies Council, which consists of more than 15,000 members from 55 Dayton-area engineering and science-related professional societies.

Among the seven outstanding engineers and scientists who will be honored this year are Dilip Ballal, a senior research engineer with the UD Research Institute; Robert R. Barthelemy, an adjunct professor in mechanical engineering; and Daniel Eylon, a professor in chemical and materials engineering.

Ballal, of 5519 Knollcrest Ct. in Centerville, is honored for his contributions to fluid dynamics, combustion and heat transfer research. His research has helped make possible the development of high-performance, fuel-efficient combustors for modern turbo-jet engines.

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Barthelemy, of 5900 Helenwood Dr. in Bevercreek, is recognized for his work as the technical director of the Air Force Wright Aeronautical Laboratories at Wright Patterson Air Force Base. He directs the National Aerospace Plane Program, which has plans to develop an experimental plane that can take off from a runway and fly directly into orbit without booster rockets.

Eylon, of 7245 Fontella Ct. in Randolph Township, is receiving recognition for his research in the area of high-temperature, low-density aerospace alloys. He is the co-author of five technical books in materials science and holds 10 patents in the U.S. in the area of titanium technology.

Also honored at the banquet will be the winning team of junior high school students in the Dayton-area MATHCOUNTS competition, which will be held Saturday, Feb. 13 from 8:30 a.m. to 2:30 p.m. in Kettering Laboratories on campus. Sponsored by the Dayton Chapter of Professional Engineers, MATHCOUNTS pits "mathletes" against each other in tests of mathematical skills.

In a lighter vein, UD's engineering students will hold their traditional paper airplane contest on Monday, Feb. 22 from noon to 1:30 p.m. in the Kennedy Union Ballroom on campus. Participants must construct an aerodynamic airplane from one piece of notebook or legal-size paper without using tape or glue. Planes will be judged by hangtime and distance.

Fifty calculators have been shipped in from Texas Instruments for "The Great Calculator Toss" scheduled for noon Tuesday, Feb. 23 at the basketball court near the Mechanical Engineering Building.

An egg drop contest is scheduled for noon Wednesday, Feb. 24 in front of Kettering Laboratories. Participants must construct a device that will protect an uncooked egg dropped three stories onto a concrete slab. Entries will be judged on

creativity, effectiveness in protecting the shell and yoke of the egg and closeness of hitting a target.

The week's celebrations conclude on Saturday, Feb. 27 with an open house in Kettering Laboratories from 1 to 5 p.m. in room 205. The open house will include tours of the laboratories, displays of student projects and presentations by faculty members.

For more information, call UD's Engineering Department at 229-2736. Except for MATCHCOUNTS, dates and times of the various contests are subject to change.